

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (withdrawn) A cross joint comprising:
yokes each formed with a bearing hole; and
a spider shaft rotatably fitted into said bearing hole through a rolling bearing,
wherein said spider shaft is formed with a contact portion with said rolling bearing, said contact portion having its outside diameter larger than an outside diameter of said spider shaft.
2. (withdrawn) A cross joint according to claim 1, wherein an end central portion of said contact portion is formed with a bottomed hole.
3. (withdrawn) A cross joint according to claim 1, wherein an extreme-pressure additive is added to a lubricating agent filling an interior of said needle bearing.
4. (canceled)
5. (canceled)
6. (withdrawn) A cross joint according to claim 2, wherein an extreme-pressure additive is added to a

lubricating agent filling an interior of said needle bearing.

7. (canceled)

8. (previously presented) A cross joint adapted to be used in a steering apparatus which includes an upper shaft and a lower shaft, the cross joint serving to transmit a torque in a way that rotates through a predetermined bending angle and comprising:

a pair of yokes and a cross-shaped spider shaft, each yoke being formed with a bearing hole, with a needle bearing being positioned in said bearing hole, said needle bearing including a bearing cup and rollers provided therein, and an end portion of said spider shaft being fitted in the bearing hole through said needle bearing;

wherein said rollers provided in said needle bearing are interference-fitted on an end periphery of said end portion of said spider shaft extending through said rollers; and

wherein said rollers are so constructed and arranged so as to be movable by 0.6 mm or greater in an axial direction.

9. (previously presented) A cross joint according

to claim 8, wherein a lubricating agent fills said needle bearing, and a pressure-withstanding additive is added to said lubricating agent.

10. (previously presented) A cross joint according to claim 8, wherein each end portion of said spider shaft fitted in said bearing hole is formed with a bottomed hole.

11. (previously presented) A cross joint according to claim 8, wherein an interference between said rollers and the end periphery of said end portion of said spider shaft is less than or equal to 0.035 mm.

12. (previously presented) A cross-joint according to claim 11, wherein said interference between said rollers and the end periphery of said end portion of said spider shaft is in a range from 0.002 mm to 0.025 mm.

13. (new) A cross joint adapted to be used in a steering apparatus which includes an upper shaft and a lower shaft, the cross joint serving to transmit a torque in a way that rotates through a predetermined bending angle and comprising:

a pair of yokes and a cross-shaped spider shaft, each yoke being formed with a bearing hole, with a bearing being positioned in said bearing hole, said bearing including a bearing cup and rollers provided therein, and an end portion of said spider shaft being fitted in the bearing hole through said bearing;

wherein said rollers provided in said bearing are interference-fitted on an end periphery of said end portion of said spider shaft extending through said rollers; and

wherein said rollers are so constructed and arranged so as to be movable by 0.6 mm or greater in an axial direction.

14. (new) A cross joint according to claim 13, wherein a lubricating agent fills said bearing, and a pressure-withstanding additive is added to said lubricating agent.

15. (new) A cross joint according to claim 13, wherein each end portion of said spider shaft fitted in said bearing hole is formed with a bottomed hole.

16. (new) A cross joint according to claim 13,

wherein an interference between said rollers and the end periphery of said end portion of said spider shaft is less than or equal to 0.035 mm.

17. (new) A cross-joint according to claim 16, wherein said interference between said rollers and the end periphery of said end portion of said spider shaft is in a range from 0.002 mm to 0.025 mm.